

U. S. DEPARTMENT OF COMMERCE  
DANIEL C. ROPER, Secretary  
NATIONAL BUREAU OF STANDARDS  
LYMAN J. BRIGGS, Director

**HOSIERY LENGTHS AND SIZES**  
(SECOND EDITION)

Bureau of Standards

DEC 23 1936

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**COMMERCIAL STANDARD CS46-36**

Supersedes CS46-33

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Effective from July 20, 1936



**A RECORDED STANDARD OF THE INDUSTRY**

UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON : 1936

PROMULGATION  
of  
COMMERCIAL STANDARD CS46-36  
for  
HOSIERY LENGTHS AND SIZES  
(Second Edition)

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On October 29, 1931, a general conference of representative manufacturers, distributors, and buyers of hosiery adopted a commercial standard for this commodity, which was subsequently accepted by the industry and promulgated as Hosiery Lengths, Commercial Standard CS46-33. On May 1, 1936, the Standing Committee recommended that "Method of Measuring—Size of Foot of" full-fashioned and circular knit (seamless) hosiery be added to the Commercial Standard, and that the title be changed to "Hosiery Lengths and Sizes, Commercial Standard CS46-36." This recommendation was later approved and accepted by the industry for promulgation by the United States Department of Commerce, through the National Bureau of Standards.

The standard became effective on July 20, 1936.

Promulgation recommended.

I. J. Fairchild,  
*Chief, Division of Trade Standards.*

Promulgated.

Lyman J. Briggs,  
*Director, National Bureau of Standards.*

Promulgation approved.

Daniel C. Roper,  
*Secretary of Commerce.*

# HOSIERY LENGTHS AND SIZES

(Second Edition)

## COMMERCIAL STANDARD CS46-36

### GENERAL

1. *Purpose.*—The purpose is to provide standard methods of measurement and standard measurements for the guidance of producers, distributors, and users, in order to eliminate confusion resulting from a diversity of measurements and methods and to provide a uniform basis for guaranteeing full-length and full-size hosiery.

2. *Application.*—The methods and measurements given herein are applicable to finished hosiery as delivered by the manufacturer.

3. *Method of measuring.*—The hosiery to be measured is laid out without tension on a smooth flat surface so that creases and wrinkles will not affect the measurements.

4. *Accuracy.*—Measurements are taken to the nearest one-eighth inch, unless otherwise specified.

### METHOD OF MEASURING AND STANDARD LENGTHS

#### LADIES' HOSIERY

5. *Method of measuring length.*—The selected method for measuring the length of ladies' hosiery is shown diagrammatically in figure 1. It is as follows: Lay the stocking on a flat surface without tension. Place a ruler so that it touches the lower end of the heel gore and the curve formed at the ankle. The length is the distance from the bottom of the heel A to the top of the stocking B as located by this line. For full-fashioned hosiery this line of length shall be determined by laying the ruler so that it touches the curve at the ankle and is parallel to the front line of the stocking (fig. 1).

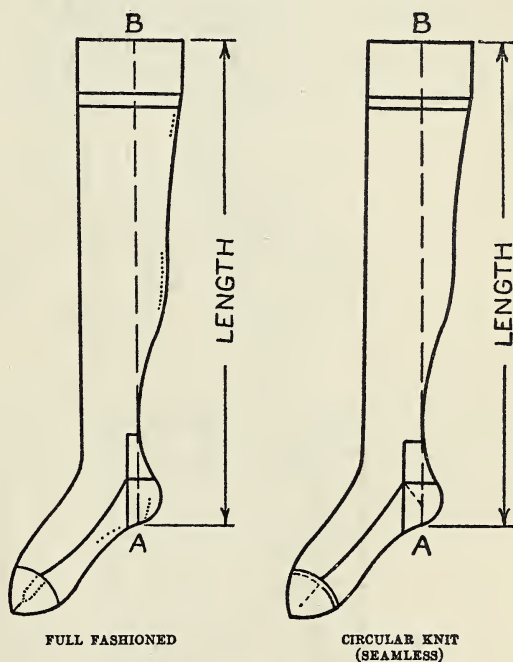


FIGURE 1.—Ladies' hosiery.

6. *Lengths of full-fashioned and circular knit (seamless).*—The standard length of ladies' full-fashioned and circular-knit (seamless) hosiery is 30 inches in all sizes, and this length will be furnished when not otherwise specified. Other lengths are available as required. Tolerance for all lengths, plus or minus 1 inch.

7. *Lengths of ribbed cotton.*—The standard length of ladies' ribbed cotton hosiery is 28 inches in all sizes, and this length will be furnished when not otherwise specified. Other lengths are available as required. Tolerance for all lengths, plus or minus 1 inch.

8. *Nonstandard lengths.*—Ladies' hosiery in lengths other than standard carry a significant mark, generally on the container, to indicate the fact that they are either longer or shorter than standard.

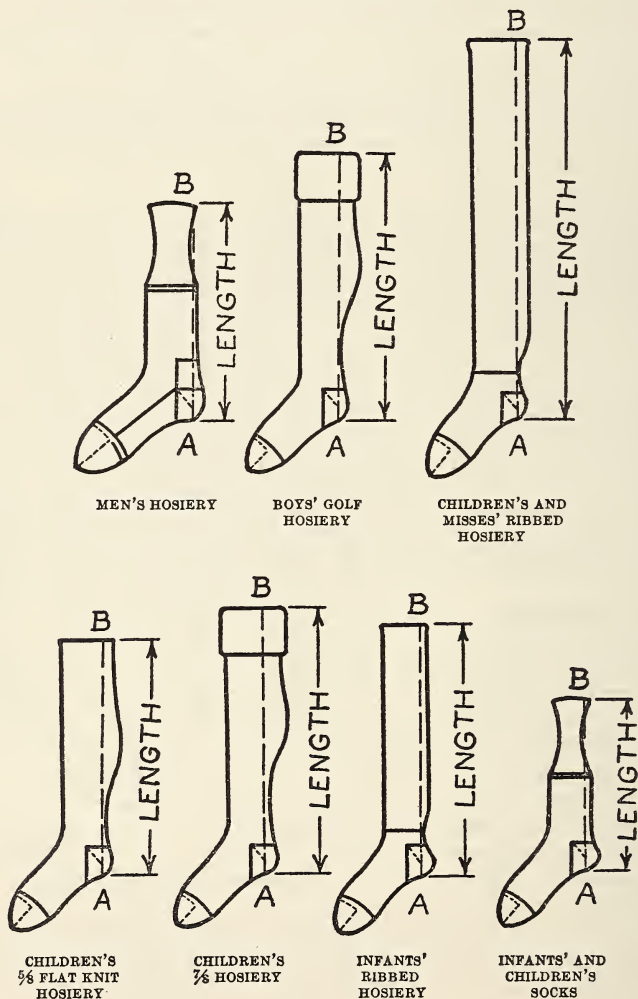


FIGURE 2.—Men's and children's hosiery.

## MEN'S, CHILDREN'S, AND INFANTS' HOSIERY

9. *Method of measuring length of—*

- (1) Men's hosiery.
- (2) Boys' golf hosiery.
- (3) Children's and misses' ribbed hosiery.
- (4) Children's  $\frac{5}{8}$  flat knit hosiery.
- (5) Children's  $\frac{7}{8}$  hosiery.
- (6) Infants' ribbed hosiery.
- (7) Infants' and children's socks.
- (8) Folded ribbed cuffs.

9a. Lay the stocking (or sock) on a flat surface without tension. Place a ruler so that it touches the lower end of the heel gore and is parallel to the ribs on the ribbed portion. If it has been boarded properly, the ruler will be parallel to the front line of the stocking. If this is not so, adjust the ruler so that it is parallel to the front line of the stocking. The length is the distance from the bottom of the heel A to the top of the stocking B as located by this line (fig. 2). The lengths of men's full-fashioned hosiery may be measured according to the method given for women's full-fashioned hosiery, paragraph 5.

9b. The length of the cuff on the stocking, folded as for packing, is determined by measuring the distance from the top to the bottom at the center in a line parallel with the front of the stocking.

10. *Men's hosiery.*—Standard lengths of men's hosiery are shown in table 1.

TABLE 1.—Standard lengths of men's hosiery

Size	Standard length	Tolerance
	<i>Inches</i>	<i>Inch</i>
9.....	14	$\pm\frac{1}{2}$
9½.....	14	$\pm\frac{1}{2}$
10.....	14	$\pm\frac{1}{2}$
10½.....	14½	$\pm\frac{1}{2}$
11.....	14½	$\pm\frac{1}{2}$
11½.....	14½	$\pm\frac{1}{2}$
12.....	14½	$\pm\frac{1}{2}$

11. *Boys' golf hosiery.*—Lengths of boys' golf hosiery (table 2) are based on the number of rib knitting machine needles and cylinder sizes indicated. These measurements are also based on hosiery made of cotton, mercerized cotton, and all mixtures of the above with wool in which the wool content does not exceed 50 percent by weight. They do not apply to boys' cut and sewed golf hosiery.

TABLE 2.—Standard lengths of boys' golf hosiery

Size	Number of needles	Size of cylinder (diameter)	Standard length	Tolerance
		<i>Inches</i>	<i>Inches</i>	<i>Inch</i>
7-7½	100-130	3	13½	$\pm\frac{1}{2}$
8-8½	120-140	3¼	14½	$\pm\frac{1}{2}$
9-9½	130-150	3½	16	$\pm\frac{1}{2}$
10-10½	140-160	3¾	17	$\pm\frac{1}{2}$
11-11½	150-170	4	18	$\pm\frac{1}{2}$



11a. *Cuff lengths.*—Standard lengths of folded ribbed cuffs for boys' golf hosiery are shown in table 3.

TABLE 3.—Standard lengths of folded ribbed cuffs for boys' golf hosiery

Size	Standard length	Tolerance
	<i>Inches</i>	<i>Inch</i>
7-7½	3	±¼
8-8½	3½	±¼
9-9½	3½	±¼
10-10½	3½	±¼
11-11½	3½	±¼

12. *Children's and misses' ribbed hosiery.*—Lengths of children's and misses' ribbed hosiery (table 4) are based on the number of machine needles and cylinder sizes indicated. These measurements are also based on hosiery made of cotton, mercerized cotton, rayon, rayon plated, rayon and silk, and all mixtures of the above with wool in which the wool content does not exceed 25 percent by weight.

TABLE 4.—Standard lengths of children's and misses' ribbed hosiery

Size	Number of needles	Size of cylinder (diameter)	Standard length	Tolerance
		<i>Inches</i>	<i>Inches</i>	<i>Inch</i>
5-5½	240-260	3½	15	±½
6-6½	260-280	3½	18	±½
7-7½	280-300	3¾	21	±½
8-8½	300-320	3¾	24	±½
9-9½	320-340	4	27	±½
10	340-360	4	28	±½

13. *Children's ⅝ hosiery, flat knit.*—Lengths for children's ⅝ hosiery, flat knit (table 5) are based on the number of machine needles and cylinder sizes indicated. These measurements are also based on hosiery made of cotton, mercerized cotton, rayon, rayon plated, rayon and silk, and all mixtures of the above with wool in which the wool content does not exceed 25 percent by weight.

TABLE 5.—Standard lengths of children's ⅝ hosiery, flat knit

Size	Number of needles	Size of cylinder (diameter)	Standard length	Tolerance
		<i>Inches</i>	<i>Inches</i>	<i>Inch</i>
6-6½	140-160	2¾	10	±½
7-7½	150-170	2¾	11	±½
8-8½	160-180	3	12½	±½
9-9½	170-190	3¼	13½	±½
10	180-200	3¼	14½	±½

14. *Children's ¾ hosiery.*—Lengths for children's ¾ hosiery (table 6) are based on the number of machine needles and cylinder sizes indicated. These measurements are also based on hosiery made of

cotton, mercerized cotton, rayon, rayon plated, rayon and silk, and all mixtures of the above with wool in which the wool content does not exceed 25 percent by weight.

TABLE 6.—*Standard lengths of children's  $\frac{7}{8}$  hosiery*

Size	Number of needles	Size of cylinder (diameter)	Standard length	Tolerance
6- $6\frac{1}{2}$	170-190	<i>Inches</i> $2\frac{3}{4}$	<i>Inches</i> 11	<i>Inch</i> $\pm\frac{3}{4}$
7- $7\frac{1}{2}$	180-200	3	12	$\pm\frac{3}{4}$
8- $8\frac{1}{2}$	190-210	$3\frac{1}{4}$	$13\frac{1}{2}$	$\pm\frac{3}{4}$
9- $9\frac{1}{2}$	200-220	$3\frac{1}{4}$	$14\frac{1}{2}$	$\pm\frac{3}{4}$
10- $10\frac{1}{2}$	210-230	$3\frac{1}{2}$	$15\frac{1}{2}$	$\pm\frac{3}{4}$

14a. *Cuff lengths*.—Standard lengths of folded ribbed cuffs for children's  $\frac{7}{8}$  hosiery are shown in table 7.

TABLE 7.—*Standard lengths of folded ribbed cuffs for children's  $\frac{7}{8}$  hosiery*

Size	Standard length	Tolerance
6- $6\frac{1}{2}$	<i>Inches</i> $2\frac{1}{2}$	<i>Inch</i> $\pm\frac{1}{4}$
7- $7\frac{1}{2}$	3	$\pm\frac{1}{4}$
8- $8\frac{1}{2}$	3	$\pm\frac{1}{4}$
9- $9\frac{1}{2}$	$3\frac{1}{2}$	$\pm\frac{1}{4}$
10- $10\frac{1}{2}$	$3\frac{1}{2}$	$\pm\frac{1}{4}$

15. *Infants' ribbed hosiery*.—Lengths for infants' ribbed hosiery (table 8) are based on the number of machine needles and cylinder sizes indicated. These measurements are also based on hosiery made of cotton, mercerized cotton, rayon, rayon plated, rayon and silk, and all mixtures of the above with wool in which the wool content does not exceed 25 percent by weight.

TABLE 8.—*Standard lengths of infants' ribbed hosiery*

Size	Number of needles	Size of cylinder (diameter)	Standard length	Tolerance
3	180-200	<i>Inches</i> $2\frac{3}{4}$	<i>Inches</i> 7	<i>Inch</i> $\pm\frac{1}{2}$
$3\frac{1}{2}$	180-200	$2\frac{3}{4}$	8	$\pm\frac{1}{2}$
4	220-240	3	10	$\pm\frac{1}{2}$
$4\frac{1}{2}$	220-240	3	11	$\pm\frac{1}{2}$
5	240-260	$3\frac{1}{4}$	12	$\pm\frac{1}{2}$
$5\frac{1}{2}$	240-260	$3\frac{1}{4}$	$13\frac{1}{2}$	$\pm\frac{1}{2}$
6	260-280	$3\frac{1}{2}$	15	$\pm\frac{1}{2}$
$6\frac{1}{2}$	260-280	$3\frac{1}{2}$	16	$\pm\frac{1}{2}$

16. *Infants' and children's socks*.—Lengths for infants' and children's socks (table 9) are based on the number of machine needles and cylinder sizes indicated. These measurements are also based on hosiery made of cotton, mercerized cotton, rayon, rayon plated, rayon and silk, and all mixtures of the above with wool in which the wool content does not exceed 50 percent by weight.

TABLE 9.—Standard lengths of infants' and children's socks

Size	Number of needles	Size of cylinder (diameter)	Standard length	Tolerance
		<i>Inches</i>	<i>Inches</i>	<i>Inch</i>
4-4½	120	2¼	5	±½
5-5½	140	2¼	6½	±½
6-6½	140	2¼	7½	±½
7-7½	156	2½	8½	±½
8-8½	156	2½	9½	±½
9-9½	172	2¾	10½	±½
10	200	3	11½	±½

17. *Infants' and children's anklets.*—Standard lengths of folded ribbed cuffs for infants' and children's anklets are shown in table 10.

TABLE 10.—Standard lengths of folded ribbed cuffs for infants' and children's anklets

Size	Standard length	Tolerance
	<i>Inches</i>	<i>Inch</i>
4-4½	1¾	±½
5-5½	1¾	±½
6-6½	2	±½
7-7½	2	±½
8-8½	2¼	±½
9-9½	2¼	±½

METHOD OF MEASURING SIZE OF FOOT

18. *Size of full-fashioned hosiery.*—The size of foot of full-fashioned hosiery is determined by laying the stocking out flat and measuring the distance from the tip of the toe to the back of the heel along a

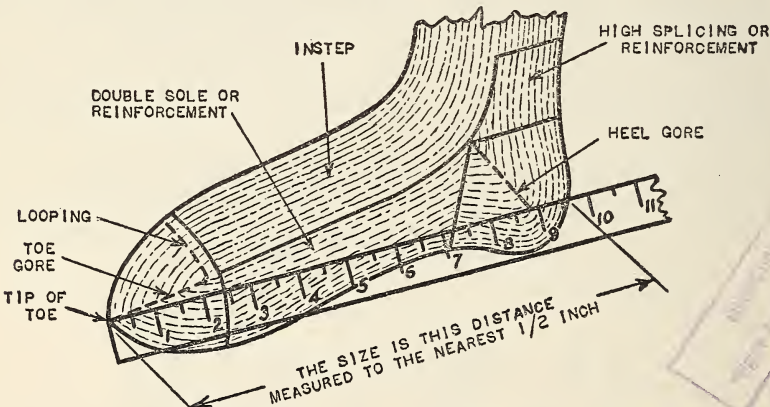


FIGURE 3.—Full fashioned hosiery.

straight line from the tip of the toe through the uppermost fashion mark in heel, which is approximately 1 inch above the bottom of the heel. Measurements are made to the nearest one-half inch. Figure 3.

19. *Size of circular knit (seamless) hosiery.*—The size of foot of circular-knit (seamless) hosiery is determined by laying the stocking out flat and measuring the distance from the tip of the toe to the back of the heel along a straight line through the tip of the toe and



the bottom of the heel gore. Measurements are made to the nearest  $\frac{1}{2}$  inch. Figure 4.

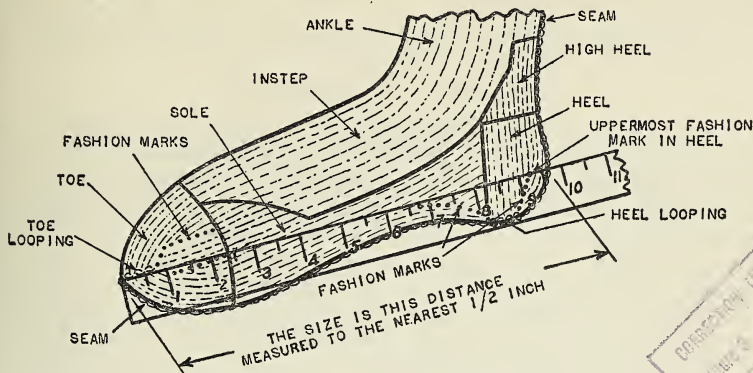


FIGURE 4.—Circular knit (Seamless) hosiery.

### EFFECTIVE DATE

The standard became effective from July 20, 1936.

### STANDING COMMITTEE

The following comprises the membership of the standing committee which is to review, prior to circulation for acceptance, revisions proposed to keep the standard abreast of progress. Each association nominated its own representatives. Comment concerning the standard and suggestions for revision may be addressed to any member of the committee or to the Division of Trade Standards, National Bureau of Standards, which acts as Secretary for the committee.

#### MANUFACTURERS

- Men's:**  
 J. W. METTLER (chairman), Interwoven Stocking Co., New Brunswick, N. J.  
 R. W. MOORHEAD, Moorhead Knitting Co., Walnut & Cameron Streets, Harrisburg, Pa.  
 THEODORE FRIEDLANDER, Phoenix Hosiery Co., 320 East Buffalo Street, Milwaukee, Wis.  
 W. F. CARR, Durham Hosiery Mills, Durham, N. C.

- Women's:**  
 R. E. TILLIS (chairman), Gotham Silk Hosiery Co., Inc., 200 Madison Avenue, New York, N. Y.  
 HUGO HEMMERICK, Berkshire Knitting Mills, Reading, Pa.  
 WM. MEYER, Apex Hosiery Co., Fifth and Luzerne Sts., Philadelphia, Pa.  
 G. C. ABERLE, H. C. Aberle Co., Lippincott, Clearfield, and A Streets, Philadelphia, Pa.

- Children's:**  
 J. LEE BAUSER (chairman), Infants' Socks, Inc., 210 Maple Street, Reading, Pa.  
 FRANKLIN LANDENBERGER, J. W. Landenberger & Co., Castor at Kensington Avenue, Philadelphia, Pa.  
 H. C. BELBER, Sport-Wear Hosiery Mills, Inc., D and Ontario Streets, Philadelphia, Pa.  
 DAN MAY, May Hosiery Mills, 436 Houston Street, Nashville, Tenn.

#### DISTRIBUTORS AND USERS

- All types of hosiery:**  
 T. L. BLANKE, Greely Square Building, 101 West Thirty-first Street, New York, N. Y., representing National Retail Dry Goods Association.  
 W. R. WARDLE, Jacob Reed's Sons, 1424-26 Chestnut Street, Philadelphia, Pa., representing National Association of Retail Clothiers and Furnishers.

MISS ARDENIA CHAPMAN, Drexel Institute, Thirty-second and Chestnut Sts., Philadelphia, Pa., representing American Home Economics Association.  
MRS. JOHN A. FRICK, Salisbury House, Allentown, Pa., representing General Federation of Women's Clubs.  
F. L. LAVERY, Carson Pirie Scott & Co., 366 West Adams Street, Chicago, Ill., representing Wholesale Dry Goods Institute.

### HISTORY OF PROJECT

On September 9, 1931, the National Association of Hosiery and Underwear Manufacturers presented a specification for men's, women's, and children's hosiery lengths and requested that it be given consideration by a general conference of manufacturers, distributors, and users of hosiery with a view to its adoption as a commercial standard. This specification was developed through the cooperation of the industry by E. M. Schenke, Research Associate of the National Association of Hosiery and Underwear Manufacturers.

A general conference was held in Philadelphia on October 29, 1931, at which time the tentative draft of the proposed commercial standard was revised and adopted, with the recommendation that it be circulated to the industry for written acceptance.

This conference named a standing committee to review periodically all comment and suggestions leading to the revision of the specification. It voted its approval of the certification plan and recommended its use by the industry.

The recommended commercial standard was circulated for acceptance on December 5, 1931, and received the endorsement of a large part of the industry. However, it later developed that there was not full agreement in regard to the measurements of children's hosiery and on January 2, 1932, a questionnaire was circulated to manufacturers requesting measurements for the different sizes and types.

In the meantime the standing committee approved the request that the length of ladies' ribbed cotton hosiery be included and that the standard length of such hosiery be specified as 28 inches.

In due course, the data relative to children's hosiery were received and submitted to the standing committee for comment, with the result that on January 12, 1933, the length of children's hosiery was approved by that committee and the revised recommended commercial standard was circulated for approval.

On April 1, 1933, the adoption of the standard was announced and became effective on July 1, 1933.

### FIRST REVISION

On February 21, 1936, the National Association of Hosiery Manufacturers requested that the National Bureau of Standards canvass the standing committee to secure its reaction to a recommendation that "Methods of Measuring—Size of Foot of" full-fashioned and circular knit (seamless) hosiery be added to Hosiery Lengths, Commercial Standard CS46-33.

The standing committee immediately gave its endorsement and recommended that the commercial standard be revised accordingly and that the title be changed to "Hosiery Lengths and Sizes, Commercial Standard CS46-36."

This recommendation was circulated for acceptance on May 1, 1936, and was approved by a satisfactory majority of those directly concerned. The success of the project was announced on July 20, 1936, and the standard became effective on that date.

## ACCEPTANCE OF COMMERCIAL STANDARD

This sheet properly filled in, signed, and returned will provide for the recording of your organization as an acceptor of this commercial standard.

Date\_\_\_\_\_

Division of Trade Standards,  
National Bureau of Standards,  
Washington, D. C.

Gentlemen:

Having considered the statements on the reverse side of this sheet we accept the Commercial Standard CS46-36 as our standard of practice in the

Production <sup>1</sup>

Distribution <sup>1</sup>

Use <sup>1</sup>

of hosiery lengths and sizes.

We will assist in securing its general recognition and use, and will cooperate with the standing committee to effect revisions of the standard when necessary.

Signature\_\_\_\_\_

(Kindly typewrite or print the following lines)

Name and title\_\_\_\_\_

Company\_\_\_\_\_

Street address\_\_\_\_\_

City and State\_\_\_\_\_

<sup>1</sup> Please designate which group you represent by drawing lines through the other two. In the case of related interests, trade papers, colleges, etc., desiring to record their general approval, the words "in principle" should be added after the signature.



## TO THE ACCEPTOR

The following statements answer the usual questions arising in connection with the acceptance and its significance:

1. *Enforcement.*—Commercial standards are commodity specifications voluntarily established by mutual consent of the industry. They present a common basis of understanding between the producer, distributor, and consumer and should not be confused with any plan of governmental regulation or control. The United States Department of Commerce has no regulatory power in the enforcement of their provisions, but since they represent the will of the industry as a whole, their provisions through usage soon become established as trade customs, and are made effective through incorporation into sales contracts by means of labels, invoices, and the like.

2. *The acceptor's responsibility.*—The purpose of commercial standards is to establish for specific commodities, nationally recognized grades or consumer criteria and the benefits therefrom will be measurable in direct proportion to their general recognition and actual use. Instances will occur when it may be necessary to deviate from the standard and the signing of an acceptance does not preclude such departures; however, such signature indicates an intention to follow the commercial standard where practicable, in the production, distribution, or consumption of the article in question.

3. *The Department's responsibility.*—The major function performed by the Department of Commerce in the voluntary establishment of commercial standards on a Nation-wide basis is fourfold: first, to act as an unbiased coordinator to bring all branches of the industry together for the mutually satisfactory adjustment of trade standards; second, to supply such assistance and advice as past experience with similar programs may suggest; third, to canvass and record the extent of acceptance and adherence to the standard on the part of producers, distributors, and users; and fourth, after acceptance, to publish and promulgate the standard for the information and guidance of buyers and sellers of the commodity.

4. *Announcement and promulgation.*—When the standard has been endorsed by companies representing a satisfactory majority of production, the success of the project is announced. If, however, in the opinion of the standing committee of the industry or the Department of Commerce, the support of any standard is inadequate, the right is reserved to withhold promulgation and publication.



## ACCEPTORS

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Individuals and organizations listed below have indicated, in writing, acceptance of this specification as their standard of practice in production, distribution, or use, but such endorsement does not signify that they may not find it necessary to deviate from the standard, nor does it signify that the producers so listed guarantee all of their products to conform with the requirements of this standard.

### ASSOCIATIONS

American Federation of Hosiery Workers, Philadelphia, Pa. (In principle.)  
 American Home Economics Association, Washington, D. C.  
 Central States Department Stores, Inc., The, Chicago, Ill.  
 Laundryowners National Association of the United States and Canada, Joliet, Ill. (In principle.)  
 National Association of Hosiery Manufacturers, New York, N. Y.  
 Philadelphia Textile Manufacturers Association, Philadelphia, Pa. (In principle.)  
 Retail Department Stores of America, Inc., New York, N. Y.  
 Richmond Henrico Consumers Council, Richmond, Va.  
 Sewall Indiana Council of Women, The May Wright, Indianapolis, Ind.  
 Throwsters Research Institute, Inc., New York, N. Y. (In principle.)

### FIRMS

Aberle Co., Inc., H. C., Philadelphia, Pa.  
 Ajax Hosiery Mills, Phoenixville, Pa.  
 Alanna Knitting Co., Quakertown, Pa.  
 American Hosiery Co., New Britain, Conn.  
 Amos Hosiery Mills, High Point, N. C.  
 Anthony Co., H. W., Strausstown, Pa.  
 Apex Hosiery Co., Philadelphia, Pa.  
 Arbaugh Co., The F. N., Lansing, Mich.  
 Asheboro Hosiery Mills, Inc., Asheboro, N. C.  
 Asheville Hosiery Co., Asheville, N. C.  
 Askin Bros. Co., Baltimore, Md.  
 Athens Hosiery Mills, Athens, Tenn.  
 Atlanta Hosiery Mills, Atlanta, Ga.  
 Atlas Silk Hosiery Co., Paterson, N. J.  
 Atwood Co., J. J., Upland, Calif.  
 Austin, J. F., Brattleboro, Vt.  
 B & B Stores, Inc., Logansport, Ind.

B. Z. B. Knitting Co., Rockford, Ill.  
 Baker Cammack Textile Corporation, Burlington, N. C.  
 Baker-Moise Hosiery Mills, Dallas, Tex.  
 Bales Hosiery Corporation, High Point, N. C.  
 Bamberger & Co., L., Newark, N. J.  
 Bartels Co., Inc., Roy, New York, N. Y.  
 Becker Ingrain Hosiery, Inc., Fort Atkinson, Wis.  
 Belknap Mills Corporation, Laconia, N. H.  
 Bemidji Woolen Mills, Bemidji, Minn.  
 Bennington Hosiery Co., Bennington, Vt.  
 Bergey Co., M. B., Souderton, Pa.  
 Berkley Silk Hosiery Co., Paterson, N. J.  
 Berkshire Knitting Mills, Reading, Pa.  
 Best's Apparel, Inc., Seattle, Wash.  
 Beverly Hosiery Mills, Inc., Los Angeles, Calif.  
 Bittner, Hunsicker & Co., Allentown, Pa.  
 Black Mountain Hosiery Mills, Inc., Black Mountain, N. C.  
 Black & Sons Co., Joseph, York, Pa.  
 Blood & Co., Inc., John, Philadelphia, Pa.  
 Bloomingdale's, New York, N. Y.  
 Bloomsburg Hosiery Mills, Inc., Philadelphia, Pa.  
 Blue Ridge Hosiery Mills, Marion, N. C.  
 Blum Store, The, Philadelphia, Pa.  
 Boggs & Buhl, Pittsburgh, Pa.  
 Bon Marché, The, Seattle, Wash.  
 Boonton Full Fashion Hosiery Mills, Boonton, N. J.  
 Boston Store, Inc., The, Colorado Springs, Colo.  
 Brincker, Hoff, Inc., Louisville, Ky.  
 Brisbin Co., S. J., New York, N. Y.  
 Broadway Department Store, Inc., Los Angeles, Calif.

- Brooklyn Hosiery Mills, Inc., New York, N. Y.  
 Brooks Hosiery Mills, Inc., Philadelphia, Pa.  
 Brown Co., John A., Oklahoma City, Okla.  
 Brownhill & Kramer, Inc., Philadelphia, Pa.  
 Browns Hosiery Mills, Inc., Burlington, N. C.  
 Bry-Block Mercantile Co., Memphis, Tenn.  
 Bryan Hosiery Mill, Inc., Chattanooga, Tenn.  
 Bullock's, Los Angeles, Calif.  
 Bunce Co., The James H., Middletown, Conn.  
 Burk & Co., Nashville, Tenn.  
 Burkey Underwear Co., Inc., Hamburg, Pa.  
 Bush & Bull Corporation, Easton, Pa.  
 Busy Bee Hosiery Co., Inc., Reading, Pa.  
 Calvert-Cheek Co., The, Winfield, Kans.  
 Camilla Hosiery Mills, Camilla, Ga. (In principle.)  
 Capwell Co., H. C., Oakland, Calif.  
 Carolina Knitting Mills, Inc., Burlington, N. C.  
 Carson Pirie Scott & Co., Chicago, Ill.  
 Castle Works, Edinburgh, Scotland.  
 Chalfont Hosiery Mills, Chalfont, Pa.  
 Champion Knitting Mills, Marietta, Ga.  
 Chapman & Co., G. C., Upper Montclair, N. J.  
 Chapman Co., T. A., Milwaukee, Wis.  
 Chapman Guild, Inc., The, Oneida, N. Y.  
 Cherry's Sons, Robert, Philadelphia, Pa.  
 Chicago Better Business Bureau, Chicago, Ill. (In principle.)  
 Chicago Mail Order Co., Chicago, Ill.  
 Chipman Knitting Mills, Easton, Pa.  
 Chipman La Crosse Hosiery Mills Co., Inc., East Flat Rock, N. C.  
 City of Paris Dry Goods Co., San Francisco, Calif.  
 Claussner Hosiery Co., Paducah, Ky.  
 Cleland Simpson Co., Scranton, Pa.  
 Clifford & Lawlon, New York, N. Y. (In principle.)  
 Cline & Son, J. A., Hildebran, N. C.  
 Colonial Knitting Mills, Inc., Philadelphia, Pa.  
 Concord Knitting Co., Concord, N. C.  
 Concordia Silk Hosiery Co., Inc., Philadelphia, Pa.  
 Conover Knitting Co., Conover, N. C.  
 Conrad & Co., Inc., Boston, Mass.  
 Consumers' Research, Inc., Washington, N. J.  
 Contour Hosiery Mills, Rockford, Ill.  
 Cooper, Wells & Co., St. Joseph, Mich.  
 Cooperative Distributors, Inc., New York, N. Y.  
 Coosa Textile Co., Anniston, Ala.  
 Cowan & Hunt, Inc., Sault Ste. Marie, Mich.  
 Cozzens & Co., Inc., New York, N. Y.  
 Crescent Manufacturing Co., Spartanburg, S. C.  
 Crowley, Milner & Co., Detroit, Mich.  
 Crown Hosiery Mills, Inc., High Point, N. C.  
 Dakin Corporation, John E., Milton, Pa.  
 Danville Knitting Mills, Danville, Va.  
 Davenport Hosiery Mills, Inc., Chattanooga, Tenn.  
 Davis & Son, Inc., W. B., Fort Payne, Ala.  
 Deal Knitting Mills, Inc., Philadelphia, Pa.  
 Debonair Full Fashioned Mills, Chattanooga, Tenn.  
 Denver Dry Goods Co., The, Denver, Colo.  
 Dependable Hosiery Mills, Inc., Liberty, N. C.  
 Diamond Full Fashioned Co., High Point, N. C.  
 Dibble & Eschen, Santa Rosa, Calif.  
 Dobson-Miller Corporation, Pulaski, Va.  
 Drexel Institute, Philadelphia, Pa. (In principle.)  
 Duluth Glass Block Store Co., Duluth, Minn.  
 Durham Hosiery Mills, Durham, N. C.  
 Eastern Hosiery Co., Chicago, Ill.  
 Eastern Stelos Co., Philadelphia, Pa. (In principle.)  
 Easton Bon Ton Co., Easton, Pa.  
 Efland-Scott Mills, Inc., Efland, N. C.  
 Elizabeth Hosiery Mills, Willow Grove, Pa.  
 Elliott Knitting Mills, Inc., Hickory, N. C.  
 Elting Bros., New York, N. Y.  
 Emporium, The, San Francisco, Calif.  
 Englewood Manufacturing Co., Englewood, Tenn.  
 English & Co., George, Jr., Shamokin, Pa.  
 Enterprise Department Store, Waukesha, Wis.  
 Erdman Hosiery Mills, Curwensville, Pa.  
 Esco Hosiery Co., Inc., New York, N. Y.  
 Fair, The, Chicago, Ill.  
 Famous-Barr Co., St. Louis, Mo.  
 Fandel Co., St. Cloud, Minn.  
 Fashion, The, Columbus, Ohio.  
 Faultless Hosiery Co., Washington, D. C.  
 Fay Hosiery Mills, Inc., Elyria, Ohio.  
 Fead & Sons, J. L., Port Huron, Mich.  
 Federal Knitting Co., Inc., Philadelphia, Pa.  
 Fidelity Hosiery Mills, Inc., Shamokin, Pa.  
 Filene's Sons Co., Wm., Boston, Mass.

- Fisher Hosiery Co., Inc., Reading, Pa.  
 Five Dollar Limit Stores Co., Bradenton, Fla.  
 Fleetwood Hosiery Corporation, Fleetwood, Pa.  
 Forbes & Son, John, Homestead, Pa.  
 Forest City Knitting Co., Rockford, Ill.  
 Fowler Dick & Walker, Binghamton, N. Y.  
 Fox & Co., Inc., G., Hartford, Conn.  
 Frank & Seder, Philadelphia, Pa.  
 Franklin Knitting Mills, Inc., New York, N. Y.  
 French Co., George B., Portsmouth, N. H.  
 Fries & Schuele Co., The, Cleveland, Ohio.  
 Fuess-Fischer Co., Belleville, Ill.  
 Galax Knitting Co., Inc., Galax, Va.  
 Gamble-Desmond Co., The, New Haven, Conn.  
 Gamm, O. F., Milwaukee, Wis.  
 Garon's Knitting Mills, Duluth, Minn.  
 General Hosiery Co., Fort Wayne, Ind.  
 Gertz, Inc., B., Jamaica, N. Y.  
 Gilbert & Co., S. L., New York, N. Y.  
 Gilchrist & Co., Boston, Mass.  
 Gimbel Bros., Milwaukee, Wis.  
 Gimbel Bros., Philadelphia, Pa.  
 Glasgow Hosiery Corporation, New York, N. Y.  
 Globe Knitting Works, Grand Rapids, Mich.  
 Gold Seal Hosiery Co., Inc., New Orleans, La.  
 Golden Art Hosiery Co., Nashville, Tenn.  
 Gotham Silk Hosiery Co., Inc., New York, N. Y.  
 Grace's, Inc., Nashville, Tenn.  
 Grant Co., W. T., New York, N. Y.  
 Grauer & Co., Inc., F. M., Philadelphia, Pa.  
 Gray Line Hosiery Co., Eddington, Pa.  
 Graysville Hosiery Mills, Graysville, Tenn.  
 Great American Knitting Mills, Inc., Bechtelsville, Pa.  
 Green Lane Hosiery Co., Inc., Green Lane, Pa.  
 Greensboro Full Fashioned Hosiery Mills, Inc., Greensboro, N. C.  
 Guilford Hosiery Mills, Inc., High Point, N. C.  
 Haines Hosiery Mills, Inc., Philadelphia, Pa.  
 Halle Bros. Co., The, Cleveland, Ohio.  
 Hancock Knitting Mills, Philadelphia, Pa.  
 Hand Knit Hosiery Co., Sheboygan, Wis.  
 Hanes Hosiery Mills Co., Winston-Salem, N. C.  
 Harriman Hosiery Mills, Harriman, Tenn.  
 Harris Silk Hosiery Co., Springfield, Mass.  
 Harriss & Covington Hosiery Mills, Inc., High Point, N. C.  
 Hatch & Reutlinger, New York, N. Y. (In principle.)  
 Hayward Hosiery Co., Ipswich, Mass.  
 Heathcote Co., Inc., Edward, New York, N. Y.  
 Heller, William B., New York, N. Y. (In principle.)  
 Hens & Kelly Co., Buffalo, N. Y.  
 Heyman Co., Inc., Henry O., New York, N. Y.  
 High Co., J. M., Atlanta, Ga.  
 Highspire Knitting Co., Highspire, Pa.  
 Holeproof Hosiery Co., Milwaukee, Wis.  
 Holly Hosiery Mills, Mount Holly, N. J.  
 Holston Manufacturing Co., Knoxville, Tenn.  
 Holyoke Silk Hosiery Co., Holyoke, Mass.  
 Hoover Hosiery Co., Concord, N. C.  
 Horne Co., Joseph, Pittsburgh, Pa.  
 Hosiery Mills Co., The, Chicago, Ill.  
 House of Byer, Inc., The, Cambridge, Mass.  
 Housen's, Boston, Mass.  
 Hovey Co., C. F., Boston, Mass.  
 Howard Hosiery Co., Sinking Spring, Pa.  
 Hoyt Co., The, Henderson, Oshkosh and Manitowoc, Wis.  
 Hub, The, Baltimore, Md.  
 Hub Hosiery Mills, Lowell, Mass.  
 Hudson Co., The J. L., Detroit, Mich.  
 Hudson Silk Hosiery Co., Charlotte, N. C.  
 Hudson Silk Knitting Mills, Charlotte, N. C.  
 Hunter Bros., Shamrock, Tex.  
 Huntley-Jackson Co., High Point, N. C.  
 Hutzler Bros. Co., Baltimore, Md.  
 I. X. L. Hosiery Mill, Robeson, Pa.  
 Ideal Hosiery Mills, Maryville, Tenn.  
 Ideal Hosiery Mills, Inc., Philadelphia, Pa.  
 Illinois Knitting Co., Mount Vernon, Ill.  
 Illinois State Penitentiary, Menard, Ill.  
 Industrial By Products and Research Corporation, Philadelphia, Pa. (In principle.)  
 Infants Socks, Inc., Reading, Pa.  
 Inspiration Hosiery Mills, Wytheville, Va.  
 Integrity Hosiery Co., Philadelphia, Pa.  
 International Hosiery Mills, Inc., Philadelphia, Pa.  
 Interwoven Mills, Inc., The, New Brunswick, N. J.  
 Interwoven Stocking Co., New Brunswick, N. J.  
 Iris Hosiery Co., Inc., Reading, Pa.  
 Jacob & Schey, New York, N. Y.  
 James Mills, Elizabeth, Marion, N. C.



- Jamison & Co., Inc., James, New York, N. Y.  
 Jeannette Hosiery Mills, Inc., Elkins Park, Pa.  
 Jensen Co., A. M., Walla Walla, Wash.  
 Johnson City Mills, Johnson City, Tenn.  
 Jones Knitting Mills, Inc., Los Angeles, Calif.  
 Jones Shops, The, Fairmont, W. Va.  
 Junior Hosiery Mills, Inc., Reading, Pa.  
 Juvenile Hosiery Mills, Inc., Greensboro, N. C.  
 K. W. Knitting Mill, Mohnton, Pa.  
 Kahns Department Store, Oakland, Calif.  
 Kann Sons Co., S., Washington, D. C.  
 Kaufman Store, Inc., The, Richmond, Va.  
 Kaufmann's Department Store, Pittsburgh, Pa.  
 Kayser & Co., Julius, Brooklyn, N. Y.  
 Kearns & Son, Inc., O. E., High Point, N. C.  
 Keefer, George Grove, Danville, Pa.  
 Keller's Department Store, Liberty, N. Y.  
 Kerr Dry Goods Co., Oklahoma City, Okla.  
 Kilpatrick & Co., Thomas, Omaha, Nebr.  
 King's Palace, Washington, D. C.  
 Kirby Co., George W., Buffalo, N. Y.  
 Kline's, Inc., St. Louis, Mo.  
 Knit Products Corporation, Belmont, N. C.  
 Knit-Rite Hosiery Corporation, Princeton, W. Va.  
 Knox Hosiery Mills, Cleveland, Tenn.  
 Kommel & Sons, A., New York, N. Y.  
 Kraemer Hosiery Co., Nazareth, Pa.  
 Kresge Department Store, Newark, N. J.  
 Lamson Bros. Co., Toledo, Ohio.  
 Lamston, Inc., M. H., New York, N. Y.  
 Landenberger & Co., J. W., Philadelphia, Pa.  
 Largman Gray Co., Croydon, Pa. (In principle.)  
 Lark Hosiery Mills, Inc., Shamokin, Pa.  
 Larkwood Silk Hosiery Mills, Inc., Charlotte, N. C.  
 Laurel Hosiery Co., Reading, Pa.  
 Lawler Hosiery Mills, Inc., Carrollton, Ga.  
 Leinbach Bros. Knitting Co., Inc., Reading, Pa.  
 Leininger Knitting Co., Inc., Wm. G., Mohnton, Pa.  
 Leonard & Co., W. C., Saranac Lake, N. Y.  
 Levy Bros. Dry Goods Co., Douglas, Ariz.  
 Levy & Co., E. S., Galveston, Tex.  
 Lewis, Lora A., Terre Haute, Ind.  
 Lightbody's, Superior, Wis.  
 Lilienthal & Co., Felix, New York, N. Y.  
 Lillian Knitting Mills Co., Albemarle, N. C.  
 Lincoln Stores, Inc., Quincy, Mass.  
 Lintz Dry Goods Co., Guthrie, Okla.  
 Loft Shop, The, Columbia, S. C.  
 Lord & Taylor, New York, N. Y.  
 Lovemans, Inc., Chattanooga, Tenn.  
 Lowell Hosiery Mills, Inc., Lowell, Mass.  
 Lowell Textile Institute, Lowell, Mass. (In principle.)  
 Lucier Co., Albert, Belmont, N. H.  
 Lumbermen's Mercantile Co., Shelton, Wash.  
 Lyerly Full Fashioned Mills, Inc., Hickory, N. C.  
 Lyerly Hosiery Mill, Chattanooga, Tenn.  
 Lykens Knitting & Manufacturing Co., Lykens, Pa.  
 Lynchburg Hosiery Mills, Lynchburg, Va.  
 Macy & Co., Inc., R. H., New York, N. Y.  
 Magnet Mills, Inc., Clinton, Tenn.  
 Mammoth Department Store, Shawnee, Okla.  
 Marshall Field & Co. (Torresdale Hosiery Mills Division), Philadelphia, Pa.  
 Marshall Field & Co., Chicago, Ill.  
 Marshall Field & Co., Highland Park, Ill.  
 Martinat Hosiery Mills, Valdese, N. C.  
 Marting Bros. Co., The, Portsmouth, Ohio.  
 Massachusetts Knitting Mills, Boston, Mass.  
 Mavis Underhose Co., New York, N. Y.  
 May Department Stores, New York, N. Y.  
 May Hosiery Mills, Nashville, Tenn.  
 McAllester Hosiery Mills, Chattanooga, Tenn.  
 McCrary Hosiery Mills, Inc., Ashelboro, N. C.  
 McCurdy & Co., Rochester, N. Y.  
 McEwen Halliburton Co., Oklahoma City, Okla.  
 McGaugh Hosiery Mills, Dallas, Tex.  
 McLaurin Hosiery Mills, Inc., Ashelboro, N. C.  
 Meinig Hosiery Co., The, Reading, Pa.  
 Melrose Hosiery Mills, High Point, N. C.  
 Melville Shoe Corporation, New York, N. Y.  
 Merchantville Hosiery Co., Inc. Merchantville, N. J.  
 Mertz Co., The W. W., Torrington, Conn.  
 Mihlethaler Co., Ltd., The, Harbor Beach, Mich.  
 Miller Mercantile Co., Salem, Oreg.



- Minisac Mills, Inc., Philadelphia, Pa.  
 Mission Hosiery Mills, A. H. Wittenberg, Inc., Los Angeles, Calif.  
 Mock Judson Voehringer Co., Inc., New York, N. Y.  
 Montana State College, Bozeman, Mont.  
 Montgomery Knitting Mill, Summer-ville, Ga.  
 Montgomery Ward & Co., New York, N. Y.  
 Moore Co., Harry C., Nevada, Mo.  
 Moorhead Knitting Co., Inc., Harrisburg, Pa.  
 Mountain City Knitting Mills, Chattanooga, Tenn.  
 Mountain Hosiery Corporation, Narrows, Va.  
 Mountcastle Knitting Co., Inc., Lexington, N. C.  
 Munsingwear Corporation, The, Minneapolis, Minn.  
 Murphy Co., G. C., McKeesport, Pa.  
 Muzzy Bros. Co., The, Bristol, Conn. (In principle.)  
 Myers Bros., Springfield, Ill.  
 National Hosiery Mills, New Orleans, La.  
 Nebel Co., Inc., Oscar, Hatboro, Pa.  
 Nebel Knitting Co., Inc., Charlotte, N. C.  
 Nelson Knitting Co., Rockford, Ill.  
 New Jersey, Department Institutions and Agencies, Trenton, N. J.  
 New Orleans, Better Business Bureau of, Inc., New Orleans, La. (In principle.)  
 Newport Hosiery Co., Newport, Pa.  
 Nickels & Lauber, Inc., Philadelphia, Pa.  
 Nolde & Horst Co., The, Reading, Pa.  
 Nomend Hosiery Inc., Philadelphia, Pa.  
 North Carolina State College, Raleigh, N. C.  
 Northmont Hosiery Corporation, Reading, Pa.  
 Northwood Hosiery Co., Philadelphia, Pa.  
 O. V. B. Knitting Mills, Inc., Spring City, Tenn.  
 Oconor & Moffatt Co., San Francisco, Calif.  
 Okey Hosiery Co., Charlotte, N. C.  
 Olwin-Angell, Aberdeen, S. Dak.  
 O'Neill & Co., Baltimore, Md.  
 Oppenheim Collins Co., Philadelphia, Pa.  
 Oregon Millinery Co., Portland, Oreg.  
 Original Thread & Needle Shop, The, Boston, Mass.  
 Orr Co., The, Easton, Pa.  
 Owen Osborne, Inc., Gainesville, Ga.  
 Paquette, E. E., Munson, Fla.  
 Parke Snow, Inc., Waltham, Mass.  
 Parker Co., George A., Philadelphia, Pa. (In principle.)  
 Parker Hosiery Mill & Dye Works, Inc., Portsmouth, Va.  
 Pasquotank Hosiery Co., Elizabeth City, N. C.  
 Paul Knitting Mills, Pulaski, Va.  
 Payton, Albert J., Philadelphia, Pa. (In principle.)  
 Peebles & Co., Inc., W. S., Lawrenceville, Va.  
 Pen-Harris Co., The, Ephrata, Pa.  
 Penmans, Ltd., Paris, Ontario, Canada.  
 Penn Hosiery Mills, Inc., Reading, Pa.  
 Penn-Rose Hosiery Mills, Inc., Philadelphia, Pa.  
 Pennsylvania, Department of Welfare, Prison Labor Division, Philadelphia, Pa.  
 Pennsylvania Knitting Mills Co., Spring Grove, Pa.  
 Peoria, Better Business Bureau of, Inc., Peoria, Ill. (In principle.)  
 Phoenix Hosiery Co., Milwaukee, Wis.  
 Pittsburgh Mercantile Co., Pittsburgh, Pa.  
 Pittsburgh Testing Laboratory, Pittsburgh, Pa. (In principle.)  
 Pocono Hosiery Mills (A. W. Kistler & Sons), E. Stroudsburg, Pa.  
 Pohatcong Hosiery Mills, Inc., Washington, N. J.  
 Portage Hosiery Co., Portage, Wis.  
 Porteous & Mitchell Co., The, Norwich, Conn.  
 Powell Knitting Co., The, Philadelphia, Pa.  
 Powers Mercantile Co., Minneapolis, Minn.  
 Prange Co., H. C., Sheboygan, Wis.  
 Priester Mills, Inc., Paducah, Ky.  
 Princess Royal Hosiery Mills, Inc., Reading, Pa.  
 Proper-McCallum Hosiery Co., Inc., Northampton, Mass.  
 Pullar, Robert Taft, New York, N. Y.  
 Purselle Shop, Reading, Pa.  
 Racine Feet Knitting Co., South Beloit, Ill.  
 Racine Feet Knitting Co., Beloit, Wis.  
 Radiant Mills Co., The, Elyria, Ohio.  
 Ragan Parker Knitting Co., Ellerbe, N. C.  
 Raleigh Haberdasher, Washington, D. C.  
 Rambo & Regar, Inc., Norristown, Pa.  
 Ransoloffs, San Francisco, Calif.  
 Raphael Weill & Co., San Francisco, Calif.  
 Rawlings Manufacturing Co., St. Louis, Mo.  
 Reading Full Fashioned Hosiery Mills, Inc., Reading, Pa.  
 Reed's Sons, Jacob, Philadelphia, Pa.  
 Regal Hosiery Co., Reading, Pa.  
 Republic Knitting Mills, Detroit, Mich. (In principle.)  
 Resolute Knitting Mills, Philadelphia, Pa.

- Richmond Hosiery Mills, Rossville, Ga.  
 Rike-Kumler Co., The, Dayton, Ohio.  
 Ripon Knitting Works, Ripon, Wis.  
 Rivoli Silk Hosiery Co., New York, N. Y.  
 Robbins Knitting Co., High Point, N. C.  
 Robertson Bros., South Bend, Ind.  
 Robinson Co., J. W., Los Angeles, Calif.  
 Robinson Hosiery Mills, Inc., Lee I., Philadelphia, Pa.  
 Rockford Mitten & Hosiery Co., Rockford, Ill.  
 Rockledge Silk Hosiery Co., Philadelphia, Pa.  
 Rollins Hosiery Mills, Inc., Des Moines, Iowa.  
 Rollman & Sons, Cincinnati, Ohio.  
 Rosedale Knitting Co., Reading, Pa.  
 Roseglen Knitting Mills, Inc., Sumter, S. C.  
 Rose's Clothing & Furniture Co., Gardner, Mass.  
 Rothschild Bros., Ithaca, N. Y.  
 Roxborough Knitting Mills, Inc., Philadelphia, Pa.  
 Royalton Knitting Co., Reading, Pa.  
 Ruby Ring Hosiery Mills, Inc., Philadelphia, Pa.  
 Rucker Rosenstock, Inc., Petersburg, Va.  
 Rugby Knitting Mills, Inc., Buffalo, N. Y.  
 Runnymede Mills, Inc., Tarboro, N. C.  
 San Souci Co., J. O., Providence, R. I.  
 Sanger Bros., Inc., Dallas, Tex.  
 Scarbrough & Sons, E. M., Austin, Tex.  
 Schear Co., Leo, Evansville, Ind.  
 Schramm Co., J. S., Burlington, Iowa.  
 Schuster & Co., Inc., Ed., Milwaukee, Wis.  
 Schuylkill Hosiery Mills, Inc., Reading, Pa.  
 Schuylkill Valley Mills, Inc., Spring City, Pa.  
 Schweser's Sons, George, David City, Nebr.  
 Scott Hosiery Mills, Inc., Graham, N. C.  
 Scranton Better Business Bureau, Scranton, Pa. (In principle.)  
 Scruggs-Vandervoort-Barney Dry Goods Co., St. Louis, Mo.  
 Se-Ling Hosiery Mills, Inc., Nashville, Tenn.  
 Seamless Hosiery Cloxing Co., Bergenfield, N. J.  
 Seaver Bros., Brooklyn, N. Y.  
 Sellers Hosiery Mills, The, Burlington, N. C.  
 Semel & Co., J. H., New York, N. Y.  
 Seneca Knitting Mills, Inc., Seneca Falls, N. Y.  
 Shartenberg's, Inc., New Haven, Conn.  
 Sheertex Hosiery Co., Inc., Woodbury, N. J.  
 Shuford Hosiery Mills, Hickory, N. C.  
 Sibley, Lindsay & Curr Co., Rochester, N. Y.  
 Siegel Co., B., Detroit, Mich. (In principle.)  
 Silverstein's, Inc., New Orleans, La.  
 Sing Sing Prison Industries, Knit Shop, Ossining, N. Y.  
 Smith Bridgman Co., Flint, Mich.  
 Smith-Roberts Co., Griffin, Ga.  
 Smith & Winter, Lock Haven, Pa.  
 Society Maid Hosiery Mills, Inc., New York, N. Y.  
 Southampton Knitting Mills, Inc., Southampton, Pa.  
 Spalding Knitting Mills, Griffin, Ga.  
 Spokane Dry Goods Co., Spokane, Wash.  
 Sport-Wear Hosiery Mills, Philadelphia, Pa.  
 Standard Hosiery Mills, Inc., Alamance, N. C.  
 Steele, Robert P., New York, N. Y.  
 Sterling Hosiery Mills, Inc., Spindale, N. C.  
 Stix, Baer & Fuller, St. Louis, Mo.  
 Stone & Thomas, Wheeling, W. Va.  
 Strahan & Co., Inc., Philadelphia, Pa.  
 Strauss & Co., Levi, San Francisco, Calif.  
 Sudbury, Edward H., New York, N. Y.  
 Sulloway Hosiery Mills, Franklin, N. H.  
 Sunrise Knitting Mills, Philadelphia, Pa.  
 Sweetwater Hosiery Mills, Sweetwater, Tenn.  
 T. & M. Knitting Co., Inc., Wilkes-Barre, Pa.  
 Tabor Hosiery Co., Philadelphia, Pa.  
 Taylor, Son & Co., Wm., Cleveland, Ohio.  
 Temple Full Fashioned Hosiery Mills, Inc., Temple, Pa.  
 Terry Hosiery Mills, Inc., High Point, N. C.  
 Textile Testing and Research Laboratories, New York, N. Y. (In principle.)  
 Thalhimers, Richmond, Va.  
 Theme Hosiery Co., Inc., Los Angeles, Calif.  
 Thomas & Co., John W., Minneapolis, Minn.  
 Tip-Top Hosiery Mills, Inc., Asheboro, N. C.  
 Townsend, Stricker & Co., New York, N. Y.  
 Treinis Bros., Inc., Brooklyn, N. Y.  
 Triumph Hosiery Mills, Inc., New York, N. Y.  
 Tweed Co., Thos. P., Charleroi, Pa.  
 Union Manufacturing Co., Frederick, Md.

- Union Manufacturing Co., Union Point, Ga.  
 Unique Knitting Co., Acworth, Ga.  
 United Hosiery Mills Corporation, Chattanooga, Tenn.  
 United States Testing Co., Inc., Hoboken, N. J.  
 Unrivald Hosiery Mill, Williamstown, Pa.  
 Ursenbach Co., C. F., Atlanta, Ga.  
 Van Raalte Co., New York, N. Y.  
 Vandever Dry Goods Co., Inc., The, Tulsa, Okla.  
 Vanity Fair Stocking Co., Reading, Pa.  
 Varina Knitting Co., Varina, N. C.  
 Vermont Hosiery & Machinery Co., Northfield, Vt.  
 Victor Silk Hosiery Co., Inc., New Britain, Pa.  
 Victorius & Co., Inc., M. L., New York, N. Y.  
 Villa Rica Hosiery Mills, Villa Rica, Ga.  
 Virginia Maid Hosiery Mills, Inc., Pulaski, Va.  
 Vogel Hosiery Mills, Belleville, Ill.  
 Voorhees & Son, Inc., J. P., New York, N. Y.  
 Wahl Store, The J. B., Bellingham, Wash.  
 Waldensian Hosiery Mills, Valdese, N. C.  
 Walker Co. Hosiery Mills, La Fayette, Ga.  
 Walls Hosiery Co., North Wales, Pa.  
 Walridge Knitting Mills, Dayton, Tenn.  
 Walton Hosiery Mills, Inc., Statesville, N. C.  
 Wanner Hosiery Mill, C. A., Fleetwood, Pa.  
 Washington Hosiery Mills, Nashville, Tenn.  
 Wayne Knitting Mills, Fort Wayne, Ind.  
 Weaver, A. C., New York, N. Y.  
 Webb, Inc., T. C., Tulsa, Okla.  
 Weinstock Lubin & Co., Inc., Sacramento, Calif.  
 Wertheimer, Inc., L., New York, N. Y.  
 West Chester Hosiery Mills, Inc., West Chester, Pa.  
 Whelan's, Washington, D. C.  
 Whisonant's, Gaffney, S. C.  
 White House Dry Goods Co., Beaumont, Tex.  
 Whitney & Co., Wm., Albany, N. Y.  
 Wieboldt Stores, Inc., Chicago, Ill.  
 Wilkes Hosiery Mills Co., North Wilkesboro, N. C.  
 Wilmington Hosiery Mills, Inc., Wilmington, Del.  
 Windsor Hosiery Mills Co., The, Greencastle, Pa.  
 Windsor Mills, Inc., Philadelphia, Pa.  
 Winsted Hosiery Co., The, Winsted, Conn.  
 Wiscassett Mills Co., Albemarle, N. C.  
 Wolf & Dessauer Co., Fort Wayne, Ind.  
 Woodward & Lothrop, Washington, D. C.  
 Wovenright Knitting Co., Cleveland, Ohio.  
 Wurzburg Dry Goods Co., Grand Rapids, Mich.  
 Yorkshire Hosiery Co., Reading, Pa.  
 Zabel Silk Hosiery Co., Inc., A., Willow Grove, Pa.

## U. S. GOVERNMENT

- Agriculture, U. S. Department of, Bureau of Home Economics, Washington, D. C.  
 Treasury Department, U. S., Washington, D. C. (In principle.)  
 Veterans' Administration, Washington, D. C.  
 War Department, Washington, D. C.



## COMMERCIAL STANDARDS

CS no.	Item	CS no.	Item
0-30.	The commercial standards service and its value to business.	33-32.	Knit underwear (exclusive of rayon).
1-32.	Clinical thermometers (second edition).	34-31.	Bag, case and strap leather.
2-30.	Mopsticks.	35-31.	Plywood.
3-28.	Stoddard solvent.	36-35.	Fourdrinier wire cloth (second edition).
4-29.	Staple porcelain (all-clay) plumbing fixtures.	37-31.	Steel bone plates and screws.
5-29.	Steel pipe nipples.	38-32.	Hospital rubber sheeting.
6-31.	Wrought-iron pipe nipples (second edition).	39-32.	Wool and part wool blankets.
7-29.	Standard weight malleable iron or steel screwed unions.	40-32.	Surgeons' rubber gloves.
8-32.	Gage blanks (second edition).	41-32.	Surgeons' latex gloves.
9-33.	Builders' template hardware (second edition).	42-35.	Fiber insulating board (second edition).
10-29.	Brass pipe nipples.	43-32.	Grading of sulphonated oils.
11-29.	Regain of mercerized cotton yarns.	44-32.	Apple wraps.
12-35.	Fuel oils (third edition).	45-33.	Douglas fir plywood.
13-30.	Dress patterns.	46-36.	Hosiery lengths and sizes (second edition).
14-31.	Boys' blouses, button-on waists, shirts, and junior shirts.	47-34.	Marking of gold-filled and rolled-gold-plate articles other than watch cases.
15-29.	Men's pajamas.	48-34.	Domestic burners for Pennsylvania anthracite (underfeed type).
16-29.	Wall paper.	49-34.	Chip board, laminated chip board, and miscellaneous boards for bookbinding purposes.
17-32.	Diamond core drill fittings (second edition).	50-34.	Binders board for bookbinding and other purposes.
18-29.	Hickory golf shafts.	51-35.	Marking articles made of silver in combination with gold.
19-32.	Foundry patterns of wood (second edition).	52-35.	Mohair pile fabrics (100-percent mohair plain velvet, 100-percent mohair plain frieze, and 50-percent mohair plain frieze).
20-36.	Staple vitreous china plumbing fixtures (second edition).	53-35.	Colors and finishes for cast stone.
21-36.	Interchangeable ground-glass joints, stopcocks and stoppers (third edition).	54-35.	Mattresses for hospitals.
22-30.	Builders' hardware (nontemplate).	55-35.	Mattresses for institutions.
23-30.	Feldspar.	56-36.	Oak flooring.
24-30.	Standard screw threads.	57-36.	Book cloths, buckrams, and impregnated fabrics for bookbinding purposes except library bindings.
25-30.	Special screw threads.	58-36.	Woven elastic fabrics for use in overalls (over all elastic webbing).
26-30.	Aromatic red cedar closet lining.	59-36.	Woven dress fabrics—testing and reporting.
27-36.	Mirrors (second edition).	60-36.	Hardwood dimension lumber.
28-32.	Cotton fabric tents, tarpaulins, and covers.		
29-31.	Staple seats for water-closet bowls.		
30-31.	Colors for sanitary ware.		
31-35.	Wood shingles (third edition).		
32-31.	Cotton cloth for rubber and pyroxylin coating.		

NOTICE.—Those interested in commercial standards with a view toward accepting them as a basis of everyday practice in their industry, may secure copies of the above standards, while the supply lasts, by addressing the Division of Trade Standards, National Bureau of Standards, Washington, D. C.